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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>			
				Application Number <b>10/635,449</b>		New Divisional Application based on USSN: 10/189,212	
				Filing Date <b>August 7, 2003</b>			
				First Named Inventor <b>Richard W. Gross et al.</b>			
				Examiner Name <b>Ahmed Elallam (expected)</b>			
				Attorney Docket Number <b>081513-336</b>			
Sheet	<b>1</b>	of	<b>5</b>				

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/AE/ ↓		3,573,380		Darlington	04/06/1971	
		4,131,766		Narasimha	12/26/1978	
		4,568,156		Dane	02/04/1986	
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			EP 0 652 677	A2		05/10/1995	
			EP 0 703 685	A2		03/27/1996	
			EP 0 753 947	A1		01/15/1997	
	/AE/		EP 0 762 701	A2		03/12/1997	

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/AE/		John A. C. Bingham (May 1990), "Multicarrier Modulation For Data Transmission: An Idea Whose Time Has Come," <u>IEEE Communications Magazine</u> , pp. 5-14.	
/AE/		Shoham et al. (September 1988), "Efficient Bit Allocation for an Arbitrary Set of Quantizers," <u>IEEE Transactions on Acoustics, Speech and Signal Processing</u> , 36(9): 1445-1453.	

Examiner Signature	/Ahmed Elallam/	Date Considered	03/16/2007
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				Group Art Unit	2062 (expected)
				Examiner Name	Ahmed Elallam (expected)
Sheet	2	of	5	Attorney Docket Number	081513-336

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		5,327,574		Monma et al.	07/05/1994	
		5,400,322		Hunt et al.	03/21/1995	
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		5,452,288		Rahuel et al.	09/19/1995	
		5,479,447		Chow et al.	12/26/1995	
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		5,521,906		Grube et al.	05/28/1996	
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/AE/ ↓ ↓ ↓ ↓			EP 0 812 087	A2		12/10/1997	
			EP 0 820 168	A2		01/21/1998	
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/AE/			WO 86/07223			12/04/1986	

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/AE/		John M. Cioffi "A Multicarrier Primer,:" Amati Communications Corporation and Stanford University, pp.1-18. 1991	
/AE/		John A. C. Bingham (May 1996), "RFI Suppression in Multicarrier Transmission Systems," Amati Communications, IEEE Communications Magazine, pp. 1026-1030.	

Examiner Signature	/Ahmed Elallam/	Date Considered	03/16/2007
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/AE/		5,596,604		Cioffi et al.	01/21/1997	
↓		5,598,435		Williams	01/28/1997	
		5,625,651		Cioffi	04/29/1997	
		5,636,246		Tzannes et al.	06/03/1997	
		5,644,573		Bingham et al.	07/01/1997	
		5,673,290		Cioffi	09/30/1997	
		5,731,706		Koeman et al.	03/24/1998	
		5,805,669		Bingel et al.	09/08/1998	
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	/AE/		5,822,372		Emami	10/13/1998

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
/AE/			WO 97/15131			04/24/1997		
/AE/			WO 98/10556			03/12/1998		
/AE/			WO 98/27665			06/25/1998		
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/AE/			WO 98/59476			12/30/1998		

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/AE/		Atungsiri et al. (June 1997), "Multirate Coding for Mobile Communications Link Adaptation," IEEE Proc. Commun., 144(3):211-216.	
/AE/		Related Application USSN. 09/597,926 with a copy of Preliminary Amendment as filed. <i>Amendment filed on 05/15/06</i>	

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		6,061,392		Bremer et al.	05/09/2000	
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